9. (Amended) A method of enhancing the flux rate of a substance [harvesting an analyte from tissue] through a biological membrane, comprising steps of:

(a) porating the biological membrane to form at least one micropore; and

(b) delivering an effective amount of a flux enhancer to the tissue through the micropore[; and

(c) collecting a quantity of analyte through the at least one micropore].

10. (Amended) The method of claim 9, wherein the step of porating causes the micropore to extend [extends] to a selected depth into or through the biological membrane.

21. (Amended) A method of delivering a drug to tissue through a biological membrane comprising the steps of claim 9, [the method] and further comprising the step of [:]

[(a) porating the biological membrane to form at least one micropore;

(b) delivering an effective amount of a flux enhancer to the tissue through the at least one micropore; and]

(c) introducing a drug through the at least one micropore.

Please add the following new claims 44 and 45 as follows:

44. (New) The method of claim 9, wherein the flux enhancer contains ammonia.

45. (New) The method of claim 9, wherein the flux enhancer contains an inflammatory mediator, a growth factor, a mast cell deregulator, an extra cellular matrix adhesion inhibitor, an enzyme, a blistering agent, food oils, anti-prurities, diuretics or capillary permeability enhancers.